

WHAT IS CLAIMED IS:

1. A data processing apparatus that performs, in a predetermined order, one or more processes from among a plurality of processes, on predetermined data, the data processing apparatus comprising:

storage means for storing a plurality of functions, each function describing a predetermined process and identifying a next function to be executed after execution of the predetermined process of the function;

execution means for executing the predetermined process described by each function; and

change means for changing the identification of the next function to be called by any of the functions stored in the storage means, wherein the order in which the predetermined processes described by the functions stored in the storage means are executed by the execution means can be changed by the change means.

2. The data processing apparatus of claim 1, further comprising determination means for determining whether or not each of the functions identifies a next function after the predetermined process of the function has been executed.

3. The data processing apparatus of claim 2, wherein the determination means performs the determination in accordance with predetermined information indicating whether or not the next function is identified.

4. The data processing apparatus of claim 1, wherein the execution means repeatedly executes the predetermined process of each function for only a predetermined number of times in accordance with predetermined repetition information.

5. The data processing apparatus of claim 1, wherein the change means changes the identification of

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the next function to be executed to another function stored in the storage means.

6. The data processing apparatus of claim 1, wherein the predetermined data includes image data.

7. The data processing apparatus of claim 6, wherein the ~~predetermined~~ processes are image processes including a gamma compensation process, a resolution-conversion process and an outline-adjustment process.

8. The data processing apparatus of claim 1, wherein the predetermined data includes sound data.

9. A data processing apparatus that performs, in a predetermined order, one or more processes from among a plurality of processes, on predetermined data, the data processing apparatus comprising:

a memory that stores a plurality of functions, each function describing a predetermined process to be performed on the predetermined data and identifying a next function to be executed after execution of the predetermined process; and

a controller that executes the predetermined process described by each function and that enables changing of the identification of the next function to be called by any of the functions stored in the memory, wherein the order in which the predetermined processes described by the functions stored in the memory are executed by the controller can be changed by changing the next function identification that is stored for the functions in the memory.

10. The data processing apparatus of claim 9, wherein the controller also determines whether or not each of the functions identifies a next function after executing the predetermined process of the function.

11. The data processing apparatus of claim 10, wherein the controller performs the determination in accordance with predetermined information indicating whether or not the next function is identified.

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19. The method of claim 17, wherein the predetermined process of each function is repeatedly executed for only a predetermined number of times in accordance with predetermined repetition information.

20. The method of claim 17, wherein the predetermined data includes image data.

21. The method of claim 20, wherein the ~~predetermined~~ processes are image processes including a gamma compensation process, a resolution-conversion process and an outline-adjustment process.

22. The method of claim 17, wherein the predetermined data includes sound data.